Practical Work 01

Exercise 01

Formulate the following expression into a C programs :
a. an odd number.
b. an even number.
c. two numbers A and B where A is greater than B.
d. a number A is less or equal than a number B.
e. the sum of A+B.
f. the multiplication of A and B.
g. the division rest of A divided By B.
h. is A is divisible by 5.
i. the median of the three numbers A,B and C.
j. compute the surface of circle.
k. compute the surface of a rectangle.
l. solve equations of first then second degree.

Exercise 02

Write a C program that ask the age of the user then classify it according to:
[1..10] child
[11..17] Cadet
[18..21] young man
[22..50] Adult man
[51..70] middle Aged
[71..100] Old man

Exercise 03

At the Supermarket they announce for a discounts on purchases between 10000da and 30000da of
5 %, and 7 % for the purchases greater than 30000da.
  Write a C program that ask for the price and write the final price after discount.

Exercise 04

Write a C program that ask for the time of departure and time of arrival (hour and minutes) as
input , and the duration of trip will be written as output.
e.g: a trip depart on 07:15 and arrive at 10:25 so output is 3H and 10 minutes.